

Abstract

Apparatus for scanning optical recording media using a phase detection method

The present invention relates to an apparatus for reading from or writing to optical recording media, having a photodetector and a phase detector for detecting a phase difference between output signals of the photodetector.

An object of the present invention is to propose an apparatus in which a phase signal which is as correct as possible is generated. A further object of the invention is to specify a method by means of which a correct track error signal is determined using a phase detection method.

According to the invention, to those ends the apparatus has an edge sequence detector for detecting the sequence of edges of the output signals, and a signal blocking unit for blocking the output signal of the phase detector.

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